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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/608,521	06/30/2000	Raju C. Bopardikar	C0012/7000	1111

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EXAMINER

MIRZA, ADNAN M

ART UNIT PAPER NUMBER

2145

DATE MAILED: 02/23/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 09/608,521	<b>Applicant(s)</b> BOPARDIKAR ET AL.	
	<b>Examiner</b> Adnan M. Mirza	<b>Art Unit</b> 2145	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 15 November 2005.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-86 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_\_ is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☒ Claim(s) 1-86 are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

*Election/Restrictions*

**DETAILED ACTION**

1. Claims 1-86 are presented for examination.

2. Restriction to one of the following inventions is required under 35 U.S.C. 121:

- I. Claims 1-11, 44-54, drawn to Resource Allocation, classified in class 718, subclass 104.
- II. Claims 12-35, 55-78, drawn to Storage Sharing, classified in class 709, subclass 214.
- III. Claims 36-43, 79-86, drawn to Context Switching, classified in class 718, subclass 108

3. The inventions are distinct, each from the other because of the following reasons:

Inventions I II and III are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct from each other if they are show to be separately usable. In the instant case, invention I has separate method such as it is useable for Resource Allocation which lacked features of the second group of the claims and third group of the claims e.g. Storage Sharing and Context Switching classified in classes 709,718 and subclasses 214, 108. See MPEP 806.05(d).

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4. The inventions are distinct, each from the other because of the following reasons:

Inventions I II and III are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct from each other if they are show to be separately usable. In the instant case, invention II has separate method such as it is useable for Storage Sharing which lacked features of the second group of the claims and third group of the claims e.g. Resource Allocation and Context Switching classified in classes 718, 709 and subclasses 104, 108. See MPEP 806.05(d).

Invention III has separate utility such as it is usable by any system which lacked features of group I , II of claims; e.g., Resource Allocation and Storage Sharing classified in classes 718, 709 and subclasses 104, 214.

5. Because these inventions are distinct for the reasons given above and because the search required for each group is different and not co-extensive for examination purpose because these groups would require different searches on PTO's classification and subclass e.g. a) the group I search (1-11, 44-54) would require use of search classified in classes 718, subclass 104 (which would not be requires for the group II & group III)

6. Because these inventions are distinct for the reasons given above and because the search required for each group is different and not co-extensive for examination purpose because these groups would require different searches on PTO's classification and subclass e.g. a) the group II

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search (12-35, 55-78) would require use of search classified in class 709, subclass 214 (which would not be requires for the group I & group III).

7. Because these inventions are distinct for the reasons given above and because the search required for each group is different and not co-extensive for examination purpose because these groups would require different searches on PTO's classification and subclass e.g. a) the group III search (36-43, 79-86) would require use of search classified in class 718, subclass 108 (which would not be requires for the group I & group II).

8. Applicant is advised that the response to this requirement to be completed must include an election of the invention to be examined even though the requirement be traversed.

9. Any inquiry concerning this communication of earlier communications from the examiner should be directed to Adnan Mirza whose telephone number is 571-272-3885. The examiner can normally be reached on business days during normal business hours.

If attempts to reach the telephone are unsuccessful, the examiner's supervisor, Jason Cardone, can be reached on (571)-272-3933.

  
**JASON CARDONE**  
**SUPERVISORY PATENT EXAMINER**